



HPE0-S46^{Q&As}

Architecting HPE Server Solutions

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QUESTION 1

Which technology was invented by HPE to create an automated, energy-aware network between IT systems and facilities?

- A. HPE Smart Memory
- B. HPE Adaptive RAID on a Chip
- C. HPE Intelligent PowerDiscovery
- D. HPE Smart Storage Battery

Correct Answer: C

QUESTION 2

Which high availability option is available only for HPE ProLiant Gen9 servers?

- A. HPE Ultrium tape blades
- B. HPE Smart Storage battery
- C. HPE StoreOnce Backup
- D. ProLiant System ROM backup version

Correct Answer: B

QUESTION 3

Which tool should an architect use to research the technical specifications of various Smart Array controllers?

- A. HPE Product Bulletin
- B. SalesBuilder for Windows
- C. ProposalWeb
- D. HPE iQuote

Correct Answer: A

QUESTION 4

A customer needs to improve the performance of a CPU intensive application running on an HPE ProLiant DL 360 Gen9 server with an Intel Xeon E5 processors. The architect proposes to add an Intel Phi coprocessor extensions to the server.



What should an architect verify to ensure the coprocessor will improve application performance?

- A. that the application is able to work in a clustered environment
- B. that the application is highly parallel, and can scale to more than one hundred threads
- C. that the server is connected with a 40Gb/s network interface card
- D. that the server has a minimum of 24 GB ECC-capable RAM installed

Correct Answer: D

QUESTION 5

Which HPE technology helps to address concerns about server interconnectivity and cable management, and the network effect of increased East-West server traffic when using VMware vMotion for virtual machine migration?

- A. HPE ProLiant DL servers with a traditional three-tier infrastructure
- B. HPE ProLiant DL servers with HPE StoreVirtual 4000 Storage
- C. HPE BladeSystem with HPE Virtual Connect
- D. HPE BladeSystem connected to external iSCSI storage

Correct Answer: C

QUESTION 6

A solutions architect is designing an HPE ProLiant BladeSystem and HPE StoreVirtual storage solution for a customer, and needs to estimate power requirements.

Which HPE tool should the architect use?

- A. HPE Insight Management Sizer
- B. HPE OneView
- C. HPE Power Advisor
- D. HPE Power Discovery Services

Correct Answer: C

QUESTION 7

An architect has designed an HPE BladeSystem with Flex-10D Virtual Connect that connects to HPE 5830 switches. The architect needs to ensure that the solution simplifies the customer's campus Ethernet.

Which additional HPE technology should the architect recommend to the customer?



- A. Intelligent Resilient Framework (IRF)
- B. Shortest Path Bridge Mac in Mac (SPBM)
- C. Fiber Channel over Ethernet (FCoE)
- D. RDMA over Converged Ethernet (RoCE)

Correct Answer: C

QUESTION 8

HPE Proliant Gen9 Value	Customer Benefits
accelerate application performance	: 1 million IOPS with 12 Gb/s Array fast controllers
increased capacity and lower TCO	ices in storage, networking, and plies
move faster with management automation	isioning with software-defined /iew

Sort the three sequential steps that are taken for network traffic processing with QoS rules in the correct order by dragging the actions from the left to the action sequence on the right. (Note: Not all actions will apply.) (Select three.)

Select and Place:



Actions

Action sequence

- Learn
- Categorize
- Schedule
- Classify
- Store



Correct Answer:



Actions

Action sequence

- Learn
- Categorize
-
-
-

- Schedule
- Classify
- Store



QUESTION 9

A customer is building an isolated management network for Gen8/Gen9 servers. The customer plans to use the iLO federation feature for all of them.

What should the architect verify when proposing network infrastructure for this purpose?



- A. that the SNMP is enabled on all of the servers within the same iLO Federation group
- B. that the managed servers are equipped with network adapters supporting VXLAN
- C. that the switches that management ports will be connected to will support multicast
- D. that the customer has licenses for intelligent Resilient Framework functionality

Correct Answer: B

QUESTION 10

A customer needs an API that meets the following requirements:

What should the customer use?

- A. XML
- B. SNMP
- C. REST
- D. JAVA

Correct Answer: C

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